

October 2019

Woodward Electronic Controls Repair & Test Facility



Introduction

Turner Engine Control Solutions (Turner ECS) is an official Woodward Channel Partner with responsibility for sales and service across Europe and the Middle East.

Turner ECS overhauls and repair Woodward governors and electronic controls and are in a unique position when compared to other Woodward distributors, as we are able to repair many Woodward electronic controls in-house.

In 2005 Turner ECS acquired from Woodward in The Netherlands the complete electronic repair workshop including experienced repair engineers, calibrated test tools, test simulators, software, database of drawings, electrical schematics and test procedures.

Test Facilities & Equipment

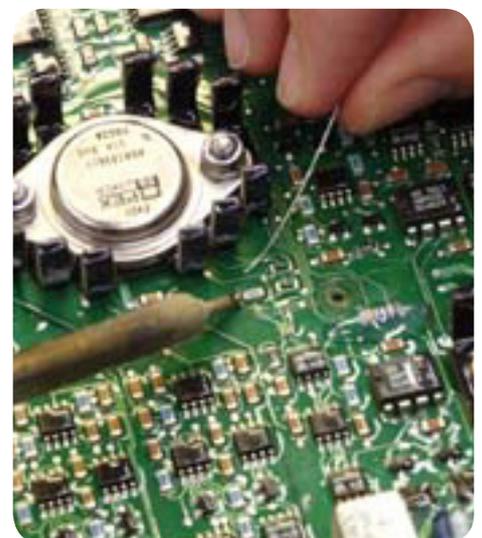
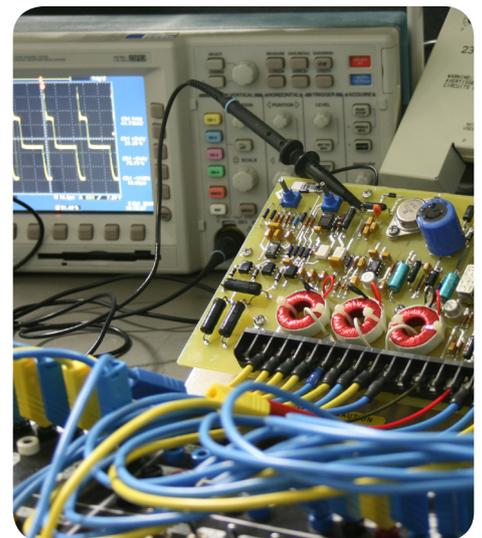
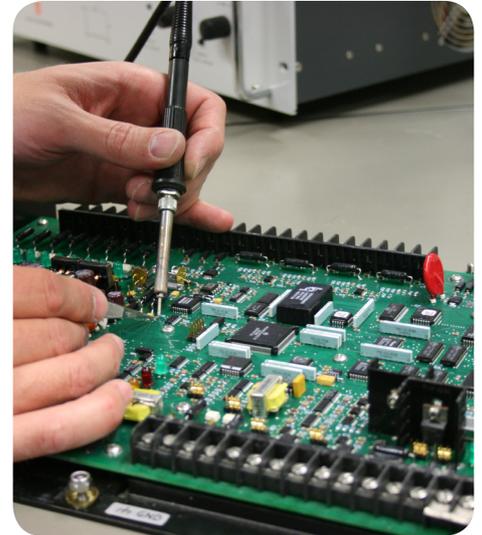
From our purpose-built electrical workshop facilities located in Hoofddorp in the Netherlands, Turner ECS provides comprehensive conversion, repair and test services on Woodward analogue & digital controls and electric actuators.

Our service engineers and technicians are factory trained and IPC trained to repair SDM and true hole boards and have many years of experience on all types of Woodward products.

Turner ECS's repair and test process is carried out in accordance with our documented ISO 9001 Quality Procedures to ensure that electrical components follow a specific path through the workshop. This includes receiving inspection, pre-testing, disassembly, cleaning, assembly, testing, final inspection and packaging.

Non-Woodward Governors & Controls

Turner ECS have the knowledge and experience to repair not only all types of Woodward governors and controls, but other products including: Heinzmann actuators, Diesel Kiki and Zexel governors.



Micronet/Netcon Validation Program

Turner ECS signed a contract with Woodward to validate and test Micronet and Netcon chassis and cards in Europe. This program provides you with a clean and quick way to have your installed and spare Woodward Netcon / Micronet modules re-tested to verify general compliance with original factory specifications.



The program will maintain a qualified Micronet Test System that is capable of running final test routines on virtually all Woodward Micronet modules. These will be returned with a test sheet that shows the recorded data and test results. Cleaning of Micronet chassis, cards and replacing ventilators are all part of this service.

Ports

UK and Europe - From our office in Hoofddorp in the Netherlands, we are strategically located to cover the ports of Amsterdam, Antwerp, Delfzijl, Rotterdam and Vlissingen. In the United Kingdom we have an authorised governor workshop located in Newcastle Under Lyme covering all UK and Irish ports.

Middle East - Turner ECS provides support for Woodward products through an extensive network of official Agents and AISFs (Authorized Independent Service Facilities) that have been trained by us to support governors in their region. Many of these AISFs also have the engineering capability to provide upgrades to electronic controls for enhanced control capabilities.

BENEFITS OF OUR VALIDATION PROGRAM

- Confidence that your spares are truly 'ready for service' when they are needed
- Quality test standards that are audited by Woodward
- Module validation can be scheduled to coincide with machine outage and overhaul cycles
- Quick turnaround

MODULES COVERED

- CPU modules
- Real Time Network modules
- Serial I/O modules
- Discrete I/O modules
- Analogue I/O modules
- Thermocouple modules
- RTD modules
- Combo modules
- Speed sensor modules
- Actuator modules
- Power supply modules
- Linknet modules

Turner Range of Services

TK Projects, Retrofits & Upgrades

Turner ECS delivers reliable retrofit solutions for a wide range of prime movers and other applications. This includes lump sum turnkey projects on turbines and compressors.

Genuine Parts & Service Exchange

Turner ECS has the largest stock of parts, service exchange governors and electronics in Europe and can provide a fast turnaround service.

Product Training

Turner ECS can provide official Woodward product training covering both theoretical and practical training on a wide range of Woodward products.

Electronic Repair & Mechanical Governor Overhaul Service

Turner ECS provides a comprehensive overhaul and repair service for electronic, mechanical and hydraulic governors.

World Wide Field Service

Turner ECS field service engineers and technicians provide comprehensive solutions for commissioning and on-site repair.

Service Contracts

Turner ECS provides long term service contracts to support users with Woodward governors and/or control products and electronic control systems.

ROTATING EQUIPMENT CONTROL SOLUTIONS DELIVERED ACROSS EUROPE & THE MIDDLE EAST

Turner ECS is an official Woodward Channel Partner with offices located in:

- The Netherlands
- England
- Germany
- Italy
- Abu Dhabi
- Qatar
- Saudi Arabia

Turner ECS also operates and manages an extensive network of official agents throughout Europe & the Middle East

CONTACT INFORMATION

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